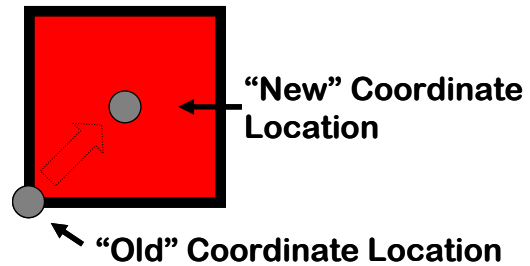


## Changes to the Precipitation Analysis Shapefile

**What's new?** On October 16 2007 the position coordinates for each grid in the precipitation shapefiles will shift approximately 2.5 kilometers (2 miles) to the north and east from the lower left corner of the 4x4 km grid to the grid center.



**Why are you making this change?** It was noted that the National Digital Forecast Database (NDFD) grids, and most other National Weather Service products, reference the center of the grid cell rather than the lower left corner. This provides spatial referencing more commonly used in contemporary geospatial analysis.

**Has the data changed?** No, the analysis and the grid are still the same. We are simply changing the reference location of the estimates (from the lower left corner to the center of the point).

**When will the switch happen?** The change will be implemented on October 16, 2007.

**Will the archive be updated too?** Yes, the entire shapefile archive will be recreated to reflect the “new coordinates”.

**Can I see an example?**

[http://water.weather.gov/p\\_download\\_new/nws\\_precip\\_20050830\\_obs.tar.gz](http://water.weather.gov/p_download_new/nws_precip_20050830_obs.tar.gz)

**What other resources are available?**

The following file lists every point with it's “new” coordinate location:

[http://water.weather.gov/p\\_download\\_new/nws\\_precip\\_allpoint.tar.gz](http://water.weather.gov/p_download_new/nws_precip_allpoint.tar.gz)

The following file lists every point with it's “old” coordinate location:

[http://water.weather.gov/p\\_download\\_new/nws\\_precip\\_allpoint\\_orig.tar.gz](http://water.weather.gov/p_download_new/nws_precip_allpoint_orig.tar.gz)

The following file lists both the “old” and “new” coordinate locations:

[http://water.weather.gov/p\\_download\\_new/nws\\_precip\\_allpoint\\_conversion.tar.gz](http://water.weather.gov/p_download_new/nws_precip_allpoint_conversion.tar.gz)

**Who can I contact if I have questions or problems?** Please send an email to [AHPS.Precip@noaa.gov](mailto:AHPS.Precip@noaa.gov) if you have any questions or concerns.